

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

EX PARTE OR LATE FILED 26 JUN 1992 RECEIVED

IN REPLY REFER TO:

Honorable Alfonse M. D'Amato
United States Senate
520 Hart Senate Office Building
Washington, DC 20510-3202

JUN 29 1992
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

CN9201808

Dear Senator D'Amato:

Thank you for your letter forwarding the views and concerns of your constituent, Donald L. Schilling, President of SCS Mobilecom, Inc. (SCS) regarding the Commission's efforts to make available spectrum for emerging technologies, including personal communications services (PCS). Mr. Schilling expresses concern that delays in the Commission's spectrum allocation process could erode any technological advantages U.S. companies hold over foreign companies and thereby reduce U.S. competitiveness.

U.S. technological leadership and competitiveness is a driving force in the Commission's efforts to identify and allocate spectrum for new technologies. On January 16, 1992, the Commission adopted a Notice of Proposed Rule Making in ET Docket No. 92-9 that proposes to allocate 220 MHz of 2 GHz spectrum for use by providers of emerging technologies (such as PCS, which the Commission is addressing concurrently in GEN Docket No. 90-314). The primary issue before the Commission is finding ways to strike a balance in spectrum allocation policies that will accommodate new technologies while ensuring that existing users can maintain and enhance the quality of their present operations. The Commission is committed to finding a way to accommodate these competing interests. One method might be through new technology, such as that proposed by SCS, which may enable sharing spectrum at 2 GHz without causing interference to incumbent operations.

Please be assured that Mr. Schilling's concerns with regard to the timeliness of a spectrum allocation for emerging technologies and U.S. competitiveness will be taken into account as the Commission continues to work toward a final decision in this matter. For that purpose, I am making this correspondence part of the record in ET Docket No. 92-9 and GEN Docket No. 90-314.

Sincerely,

Bruce Franca

for Thomas P. Stanley
Chief Engineer

No. of Copies rec'd _____
List A B C D E

1
i
ALFONSE M. D'AMATO
NEW YORK

United States Senate
WASHINGTON, DC 20510-3202

OET
et-spectrum
1808
LEO O'BRIEN OFFICE BUILDING
ROOM 420
ALBANY, NY 12207
(518) 472-4343

June 4, 1992

Congressional Liaison
Federal Communications Commission
~~450 5th Street, N.W.~~
Washington, D.C. ~~20549~~

LEG. AFFAIRS
FBI

Dear Director:

Because of the desire of this office to be responsive to all inquiries and communications, your consideration of the attached is requested.

PLEASE TRY TO RESPOND WITHIN 4 WEEKS OF YOUR RECEIPT OF THIS REQUEST. YOUR FINDINGS AND VIEWS, IN DUPLICATE, ALONG WITH RETURN OF THIS MEMO PLUS ENCLOSURE, WILL BE APPRECIATED.

Many thanks.

Sincerely,

Alfonse D'Amato

Alfonse M. D'Amato
United States Senator

AD:amr

RECEIVED

JUN 09 1992

Legislative Affairs
Office of the Clerk

Office of Legislative Affairs
Securities and Exchange Commission
450 5th Street, NW
Washington, D.C. 20549



Mobilecom, Inc.

June 1, 1992

Senator Alfonse M. D'Amato
Leo O'Brien Federal Building
Room 420
Albany, New York 12207

Dear Senator A. D'Amato:

SCS Mobilecom Inc, a woman-owned, small business located in Port Washington, New York, is a leader in the field of wireless mobile communication technology.

We have taken a digital technology, spread spectrum, which has been previously used in military communications systems due to its ability to operate without detection by an enemy and because of its ability to be extremely resistant to jamming by the enemy, and adapted its use to the commercial marketplace to provide wired line quality with wireless convenience.

As your are aware, the FCC is proposing the use of the frequency band of 1800-2200 MHz for emerging technologies, such as ours, which we call Broadband-CDMA (B-CDMA). B-CDMA would be used to provide personal communications services (PCS) so that the same phone can be used in the home, on the street, in the car and in the office. We have also developed a PCS system that would permit poor people, who currently have no wired line connection to their apartment, to have a wireless phone, which could operate on the debit system, allowing them to receive as well as to initiate a phone call.

The radio frequency spectrum is extremely congested and the frequency band selected by the FCC is currently being used by a very few, fixed, microwave users. Our B-CDMA technology will allow PCS users to share the frequency band with these fixed microwave users without interference to users of either system.

These benefits have been described in written reports to the FCC and in discussions with the FCC engineers and Commissioners.

Some of the organizations representing the fixed microwave users have complained to Senator E. Hollings, stating that it is possible that, on occasion, PCS users might interfere with the fixed microwave service. As a result Senator Hollings is holding hearings this week on the subject. Unfortunately, I have not been

Alfonse M. D'Amato
June 1, 1992
Page Two

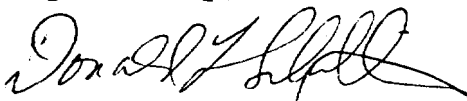
asked to testify. However, I have sent Senator Hollings my FCC report (attached) which shows that with our technology we insure that the fixed microwave users will not receive excessive interference and that the PCS systems will power down if ever there is a possibility of the fixed microwave service being interfered with. (The possibility of such an occurrence might be 20 seconds a year).

I am writing to you because this technology is important to Nassau County, New York State and to our Country. We have a two year head start on Europe and Asia. Engineers in these countries are working feverishly to reach our state of development. If delays in the FCC spectral allocation continue, it will give our foreign competitors time to catch up and once again we will be buying from them rather than vice versa.

SCS urges you to become involved in helping Chairman Sykes put America first once again in the field of telecommunications.

Thank you.

Respectfully,


Donald L. Schilling
President

DLS:rh

Attachment (1)